

1 3 5 7 9 11 NC 13 15 17 19 21 23 25 27 29 31
 2 4 6 8 10 NC 12 14 16 18 20 22 24 26 28 30 32

- VDD
- USART1_TX
- USART1_RX
- GND

AT32F413RCT7



L1
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L64

CB11
CB10
CT3

R34
R33
R31
R32
R21
R19

64 62 60 58 56 54 52 50 48 46 44 42 40 38 36 34
 63 61 59 57 55 53 51 49 47 45 43 41 39 37 35 33

TP2

TP1

R17

3V3 3V3
 GND NJTRST
 GND JTDI
 GND JTMS
 GND JTCK
 GND NC
 GND JTDO
 GND NRST
 GND NC
 GND NC

E5V 3V3
 BOOT0 SWDIO
 NC SWCLK
 USART1_TX NRST
 USART1_RX GND
 R9
 R10

R23

TP3

RP1

C20
C21
M-BOOT0 VDD
C9
C8
C22
C12
C10
C11

VDD
 M-SWDIO
 M-SWCLK
 M-NRST
 GND

C13
C7

